

(See 6th annual report, doc. H. I., page 63.)

Upon this estimate it was resolved to accomplish the work, and it was upon this amount that the legislation of the State was had in aid of the work.

In the ensuing season, however, new surveys were presented, by order of the board, in consequence of which a better line was obtained; and a report was made to Philip E. Thomas, President, on the 27th July, 1833, containing detailed estimates of the graduation, masonry and double railway upon the several routes surveyed. That route generally was finally preferred upon which the previous estimated amount of \$1,555,529 47 was predicated. In the new surveys, however, the line was improved, and a summary of the estimate upon 29.8469 miles, to New Jersey Avenue, in Washington, was as follows:

Graduation, 2,073,637 cubic yards, at \$31 71 per yard	\$657,609 12
Masonry, 48,874 perches, at \$5 64 99-100 per perch	276,133 00
Amounting to	933,742 12
Add 10 per cent. for contingencies and superintendence	93,374 21
	1,027,116 33
Railway, double tract, 29.8469 miles, at \$14,500 per mile	432,780 05
	\$1,459,896 38
The graduation, at \$31 71 per yard	657,609 12
And 10 per ct. as above 3 17	65,760 91
Total \$34 88 per yard	\$723,370 03
The masonry, at \$5.6499 per perch	276,133 00
Add 10 per ct. as above 5650	27,613 30
Total \$6.2149 per perch	\$503,746 30

(See 7th annual report, page 59.)

In the 6th annual report of C. W. Weaver, superintendent of graduation and masonry, of October 1st, 1835, (see page 109, Doc. B, 9th Annual Report,) the results of the actual cost of this work, viz. the completion of the graduation and masonry for two tracts of railway, and the laying down of the first tract throughout, on a distance of 30 miles 107.57 poles, and of the second tract on a distance of 5 miles 130 43 poles. He states that "the graduation of the first division was commenced generally about the 10th of October, 1833; that of the 2d and 3d, and 1st section of the 4th, about the 20th of January, 1834; that of the 2d and 3d sections of the 4th division, about the 1st of January, 1835; and that of the city division, about the 1st of May, 1835."